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Substitute for Form PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/981,433
Filing Date	October 17, 2001
First Named Inventor	Farris et al.
Art Unit	2131
Examiner Name	Not Yet Assigned
Attorney Docket	72291

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Document Number Number-Kind Code²	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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HS		DE 32 34 538 A1	03-22-1984	Preissinger et al.		
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Examiner Signature	Hosuk Song	Date Considered	11/3/04

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³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 19	Attorney Docket	72291

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

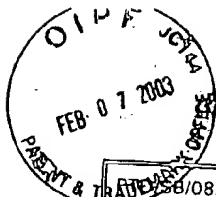| Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), publisher, city and/or country where published	T²
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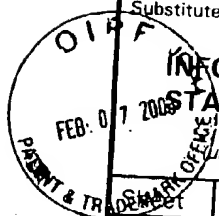| Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5]	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[6]
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[3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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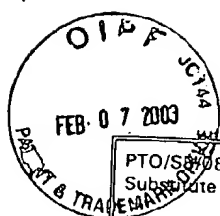| Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), publisher, city and/or country where published	T[2]
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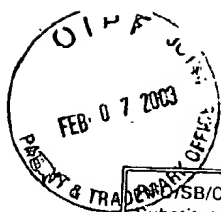| Examiner Signature	HoSuk SoNG	Date Considered	11/3/04

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
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HS		WO 93/20538	10-14-1993	Edward		
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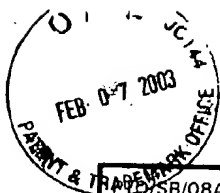| Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5]	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature	Hosuk Song	Date Considered	11/3/04

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/681,433		
Filing Date	October 17, 2001		
First Named Inventor	Farris et al.		
Art Unit	2131		
Examiner Name	Not Yet Assigned		
Attorney Docket	72291		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
HS		ElGamal, Taher. *A Subexponential Time Algorithm for Computing Discrete Logarithms*, pp. 473-481, IEEE, Transactions on Information Theory, Vol. IT-31, No. 4, (July 1985)	
HS		Feistel, Horst. *Cryptography and Computer Privacy*, pp. 15-23, Scientific American, Vol. 228, No. 5, (May 1973)	
HS		Feistel, Horst, Notz, Wm. A. and Smith, J. Lynn. *Some Cryptographic Techniques for Machine-to-Machine Data Communications*, pp. 1545-1554, Proceedings of the IEEE, Vol. 63, No. 11, (November 1975)	
HS		Fenzl, H. and Kliner, A. *Electronic Lock System: Convenient and Safe*, pp. 150-153, Siemens Components XXI, No. 4, (1987)	
HS		Fischer, Elliot. *Uncaging the Hagelin Cryptograph*, pp. 89-92, Cryptologia, Vol. 7, No. 1, (January 1983)	
HS		Fragano, Maurizio. *Solid State Key/Lock Security System*, pp. 604-607, IEEE Transactions on Consumer Electronics, Vol. CE-30, No. 4, (November 1984)	
HS		Godlewski, Ph. and Camion, P. *Manipulations and Errors, Detection and Localization*, pp. 97-106, Proceedings of Eurocrypt 88, (1988)	
HS		Greenlee, B. M., *Requirements for Key Management Protocols in the Wholesale Financial Services Industry*, pp. 22-28, IEEE Communications Magazine, (September 1985)	
HS		Guillou, Louis C. *Smart Cards and Conditional Access*, pp. 481-489, Proceedings of Eurocrypt, (1984)	

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	Document Number Number-Kind Code²	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
HS		US-4,737,770	04-12-1988	Brunius et al.	
HS		US-4,740,792	04-26-1988	Sagey et al.	
HS		US-4,750,118	06-07-1988	Heitschel et al.	
HS		US-4,754,225	06-28-1988	Sanders et al.	
HS		US-4,755,255	07-05-1988	Pezzolo et al.	
HS		US-4,758,835	07-19-1988	Rathmann et al.	
HS		US-4,761,808	08-02-1988	Howard	
HS		US-4,779,090	10-18-1988	Micznik et al.	
HS		US-4,794,268	12-27-1988	Nakano et al.	
HS		US-4,794,622	12-27-1988	Isaacman et al.	
HS		US-4,796,181	01-03-1989	Wiedemer	
HS		US-4,799,061	01-17-1989	Abraham et al.	
HS		US-4,800,590	01-24-1989	Vaughn	
HS		US-4,802,114	01-31-1989	Sogame	

FOREIGN PATENT DOCUMENTS

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HS		Guillou, Louis C. and Quisquater, Jean-Jacques. *A Practical Zero-Knowledge Protocol Fitted to Security Microprocessor Minimizing Both Transmission and Memory*, pp. 123-128, Advances in Cryptology - Eurocrypt 88, (1988)	
HS		Habermann, A. Nico. *Synchronization of Communicating Processes*, pp. 171-176, Communications, (March 1972)	
HS		*Hagelin C-35/C-36, The*, p. 1, (Undated). http://hem.passagen.se/tan01/C-35.HTML	
HS		*ISO 8732: 1988(E): Banking Key Management (Wholesale) Annex D: Windows and Windows Management*, (November 1988)	
HS		Jones, Anita K. *Protection Mechanisms and The Enforcement of Security Policies*, pp. 228-251, Carnegie-Mellon University, Pittsburgh, PA, (1978)	
HS		Jueneman, R. R., et al. *Message Authentication*, pp. 29-40, IEEE Communications Magazine, Vol. 23, No. 9, (September 1985)	
HS		Kahn, Robert E. *The Organization of Computer Resources Into A Packet Radio Network*, pp. 177-186, National Computer Conference, (1975)	
HS		Keeloq® Code Hopping Decoder, HCS500, pp. 1-25, 1997 Microchip Technology, Inc.	
HS		Keeloq® Code Hopping Encoder, HCS300, pp. 1-20, 1996 Microchip Technology, Inc.	

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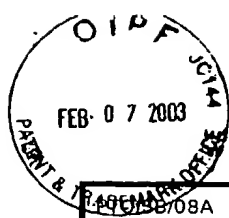
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HS		Keeloq® NTQ 105 Code Hopping Encoder, pp. 1-8, Nanoteq (Pty.) Ltd., (July 1993).	
HS		Keeloq® NTQ 115 Code Hopping Decoder, pp. 1-8, Nanoteq (Pty.) Ltd., (July 1993).	
HS		Keeloq® NTQ 125D Code Hopping Decoder, pp. 1-9, Nanoteq (pty.) Ltd., (July 1993).	
HS		Kent, Stephen T. *A Comparison of Some Aspects of Public-Key and Conventional Cryptosystems*, pp. 4.3.1-5, ICC '79 Int. Conf. on Communications, Boston, MA, (June 1979).	
HS		Kent, Stephen T. *Comments on 'Security Problems in the TCP/IP Protocol Suite'*, pp.10-19, Computer Communication Review, Vol. 19, Part 3, (July 1989).	
HS		Kent, Stephen T. Encryption-Based Protection Protocols for Interactive User-Computer Communication, pp. 1-121, (May 1976). (See pp. 50-53).	
HS		Kent, Stephen T. Protocol Design Consideration for Network Security, pp. 239-259, Proc. NATO Advanced Study Institute on Interlinking of Computer Networks, (1979).	
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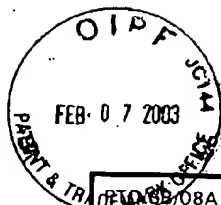
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HS		Kent, Stephen T., et al. Personal Authorization System for Access Control to the Defense Data Network, pp. 89-93, Conf. Record of Eascon 82 15th Ann Electronics & Aerospace Systems Conf., Washington, D.C. (September 1982)	
HS		Kent, Stephen T. Security Requirements and Protocols for a Broadcast Scenario, pp. 778-86, IEEE Transactions on Communications, Vol. com-29, No. 6, (June 1981).	
HS		Konheim, A.G. Cryptography: A Primer, pp 285-347, New York, (John Wiley, 1981)	
HS		Kruh, Louis. Device anc Machines: The Hagelin Cryptographer, Type C-52, pp. 78-82, Cryptologia, Vol. 3, No. 2, (April 1979).	
HS		Kruh, Louis. How to Use the German Enigma Cipher Machine: A photographic Essay, pp. 291-296, Cryptologia, Vol. No. 7, No. 4 (October 1983).	
HS		Kuhn. G.J. Algorithms for Self-Synchronizing Ciphers, pp. 159-164, Comsig 88, University of Pretoria, Pretoria, (1988).	
HS		Kuhn, G.J., et al. A Versatile High-Speed Encryption Chip, INFOSEC '90 SYMPOSIUM, Pretoria, (March 16, 1990).	
HS		Lamport, Leslie. The Synchronization of Independent Processes, pp. 15-34, Acta Informatica, Vol. 7, (1976).	

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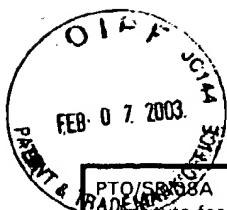
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HS		Linn, John and Kent, Stephen T. *Electronic Mail Privacy Enhancement*, pp. 40-43, American Institute of Aeronautics and Astronautics, Inc. (1986).	
HS		Lloyd, Sheelagh. *Counting Functions Satisfying a Higher Order Strict Avalanche Criterion*, pp. 63-74, (1990).	
HS		Marneweck, Kobus. *Guidelines for KeeLoq® Secure Learning Implementation*, TB007, pp. 1-5, 1987 Microchip Technology, Inc.	
HS		Massey, James L. *The Difficulty with Difficulty*, pp. 1-4, (Updated). http://www.iacr.org/conferences/ec96/massey/html/framemassey.html.	
HS		McIvor, Robert. *Smart Cards*, pp. 152-159, Scientific American, Vol. 253, No. 5, (November 1985)	
HS		Meier, Willi. *Fast Correlations Attacks on Stream Ciphers* (Extended Abstract), pp. 301-314, Eurocrypt 88, IEEE, (1988).	
HS		Meyer, Carl H. and Matyas Stephen H. *Cryptography: A New Dimension in Computer Data Security*, pp. 237-249 (1982).	
HS		Michener, J.R. The 'Generalized Rotor' *Cryptographic Operator and Some of Its Applications* , pp. 97-113, Cryptologia, vol. 9, No, 2, (April 1985)	
HS		Morris, Robert. *The Hagelin Cipher Machine (M-209): Reconstruction of the Internal Settings*, pp.267-289, Cryptologia, 2(3), (July 1978).	

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	Filing Date	October 17, 2001
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HS		Newman, David B., Jr., et al. "Public Key Management for Network Security", pp. 11-16, IEE Network Magazine, 1987.	
HS		*News: Key System for Security,* p.38 (April 1982).	
HS		Niederreiter, Harald. *Keystream Sequences with a Good Linear Complexity Profile for Every Starting Point,* pp. 523-532, Proceedings of Eurocrypt 89, (1989).	
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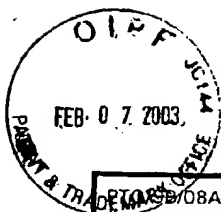
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HS		Ruffell, J. *Battery Low Indicator*, p. 15-165, Eleckton Electronics, (March 1989. (See p. 59).	
AS		*Saab Anti-Theft System: Saab's Engine Immobilizing Anti-Theft System is a Road-Block for 'Code-Grabbing' Thieves*, pp. 1-2, (Undated).	
HS		Savage. J.E. *Some Simple Self-Synchronizing Digital Data Scramblers*, pp. 449-498, The Bell System Tech. Journal, (February 1967)	
HS		Seberry, J. and Pieprzyk, *Cryptography - An Introduction to Computer Security*, (Prentice Hall of Australia, YTY LTD, 1989)	
HS		*Secure Terminal Interface Module for Smart Card Applications*, pp. 1488-1489, IBM: Technical Disclosure Bulletin, Vol. 28, No. 4, (September 1985).	
HS		Shamir, Adi. *Embedding cryptographic Trapdoors In Arbitrary Knapsak Systems*, pp. 81-85, IEEE Transactions on Computers, Vol C-34, No. 1, (January 1985).	
HS		Siegenthaler, T. *Decrypting a Class of Stream Ciphers Using Ciphertext Only*, pp. 81-85, IEEE Transactions on Computers, Vol. C-34, No. 1, (January 1985).	
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HS		Smith. J.L. The Design of Lucifer: a Cryptographic Device for Data Communications, pp. 1-65, (April 15, 1971).	

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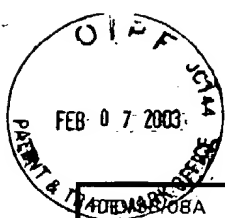
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HS		Voydock, Victor L. and Kent, Stephen T. *Security Mechanisms in a Transport Layer Protocol*, pp. 325-341, Computers & Security, (1985).	
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HS		Watts, Charles and Harper John. *How to Design a HiSec™ Transmitter*, pp. 1-4, National Semiconductor, (October 1994).	
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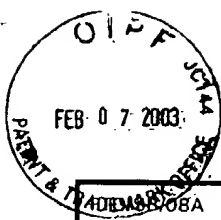
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